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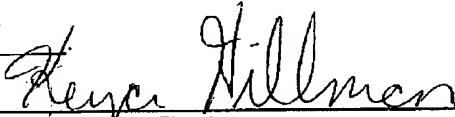
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Practitioner's Docket No. MPI00-252P1RM**PATENT**

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Submitted herewith:

Amendment Transmittal
Amendment And Response

(2 pages; in duplicate)
(16 pages)

Total

Pages (21 pages)
(Including this cover sheet)

TO/SB/97 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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Practitioner's Docket No. MPI00-252P1RM**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Curtis, Rory A.J.
Application No.: 09/875,321 Group No.: 1646
Filed: June 6, 2001 Examiner: Pak, Michael D.
For: 12189 AND 52906, NOVEL HUMAN POTASSIUM CHANNELS AND USES
THEREOF

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

1. Transmitted herewith for this application is/are:
- This Amendment Transmittal (2 pages; in duplicate); and
 - Amendment and Response (16 pages).

STATUS

2. Applicant is other than a small entity.

CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) and 1.10*

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(Page 1 of 2)

Practitioner's Docket No. MPI00-252P1RM**FEE FOR CLAIMS**

3. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)		(Col. 2)		(Col. 3)	OTHER THAN A SMALL ENTITY		
	Claims Remaining After Amendment		Highest No. Previously Paid For		Present Extra	Rate		Addit. Fee
Total	30	Minus	31	=	0	\$18.00	=	\$0.00
Indep.	3	Minus	5	=	0	\$86.00	=	\$0.00
First Presentation of Multiple Dependent Claims			0			\$290.00	=	\$0.00
						Total Addit. Fee		\$0.00

Total additional fee for claims required \$0.00

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MILLENNIUM PHARMACEUTICALS, INC.
40 Landsdowne Street
Cambridge, MA 02139

March 17, 2004

MILLENNIUM PHARMACEUTICALS, INC.

By Kerri Pollard Schray

Kerri Pollard Schray
Registration No. 47,066
40 Landsdowne Street
Cambridge, MA 02139
Telephone - 617-551-3676
Facsimile - 617-551-8820

(Page 2 of 2)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Curtis, Rory A.J.		
Application No.:	09/875321	Group No.:	1646
Filed:	June 6, 2001	Examiner:	Pak, Michael D.
For:	12189 AND 52906, NOVEL HUMAN POTASSIUM CHANNELS AND USES THEREOF		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE

Sir: In response to the Office action of Dec 17, 2003, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 7 of this paper.

Remarks begin on page 10 of this paper.

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